

## Replacement of Structure on MD 76 (Motters Station Road) over Motters Run

### **What work is planned for this bridge?**

The existing structure will be completely replaced with a single span prestressed concrete slab bridge. The proposed bridge will be wider than the existing with two-11ft lanes, one in each direction, and two-5ft shoulders. The proposed bridge will improve the sight distance.

### **Why is the work necessary?**

This project is part of SHA's bridge system preservation program aimed at addressing structurally deficient bridges and small structures. The small structure on MD 76 (Motters Station Road) over Motters Run is now showing signs of significant deterioration. Although the bridge is structurally sound, it has reached the end of its usable lifespan and is in need of replacement.

### **How will traffic be impacted by construction activities?**

The current proposed method for maintaining traffic is to close the road and utilize a detour during construction. The construction will take place during summer time when schools are closed.

### **Have any other alternatives been considered?**

An alternative to maintain one lane of traffic for two-way operation during construction using temporary signals was considered. This alternative is not proposed due to the safety issues associated with a narrow work zone adjacent to traffic for both motorists and workers, the cost, and the construction time period, which was estimated to be 24 weeks.

### **When will work be completed?**

SHA will make every effort to complete this project as quickly as possible while minimizing impacts to local residents and motorists. Construction is scheduled to begin in June 2012, once school has ended, and be completed before schools reopen in August 2012, weather permitting.

## Questions & Answers